

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3843	355/53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 13:57
L2	1	((sub near pattern) AND ((memory or reduce\$2 or characterist\$3 or less) near (layer or resist or substrate or wafer)) and (process\$3 or bak\$3 or develop\$3)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 13:59
L3	1	((sub near pattern) AND ((memory or reduce\$2 or characterist\$3 or less) near (layer or resist or substrate or wafer)) and (process\$3 or bak\$3 or develop\$3)).CLM.	US-PGPUB; USPAT	OR	ON	2006/02/16 13:59
L4	111	((sub or second or plural) near pattern) AND ((memory or reduce\$2 or characterist\$3 or less) near (layer or resist or substrate or wafer)) and (process\$3 or bak\$3 or develop\$3)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 14:00
L5	116	((sub or second or plural) near pattern) AND ((memory or reduce\$2 or characterist\$3 or less) near (layer or photoresist or resist or substrate or wafer)) and (process\$3 or bak\$3 or develop\$3)).CLM.	US-PGPUB; USPAT	OR	ON	2006/02/16 14:00
S1	1	"20040165163"	US-PGPUB; USPAT	OR	ON	2005/08/17 11:51
S2	0	("64042998").PN.	USPAT; USOCR	OR	OFF	2005/08/17 11:51
S3	2	("64042998") or ("6320648").PN.	USPAT; USOCR	OR	OFF	2005/08/17 13:11
S4	2250	double adj exposure	US-PGPUB; USPAT	OR	ON	2005/08/17 13:12
S5	20	("4872135"   "5046112"   "5467166"   "5535029"   "5610684"   "5667918"   "5677757").PN. OR ("6320648").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:34

## EAST Search History

S6	2145	355/67.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:34
S7	1457	S6 and pattern	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:34
S8	12	S6 and (multiple adj pattern)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:41
S9	2416	355/77.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 14:12
S10	1074	S9 and (pattern)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 14:11
S11	127	S10 and ((double or mult\$4) adj expos\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 14:12
S12	32	stacker.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:46
S13	911	S9 and (structure)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 13:58
S14	104	S13 and ((double or mult\$4) adj expos\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 14:11
S15	104	S13 and ((double or mult\$4) adj expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 14:11
S16	127	S10 and ((double or mult\$4) adj expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 14:12
S17	1074	S9 and (pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 14:12

## EAST Search History

S18	127	S10 and ((double or mult\$4) adj expos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 16:22
S19	3119	355/77.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 14:12
S20	1	"20050162627"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 16:43
S21	1	("6636294").PN.	USPAT; USOCR	OR	OFF	2005/08/17 16:43
S22	4	("4734345"   "4786166"   "5465859"   "5936707").PN. OR ("6636294").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 16:49
S23	1	("6122035").PN.	USPAT; USOCR	OR	OFF	2005/08/17 16:49
S24	6	("4040736"   "5260151"   "5281500"   "5439764"   "5576126").PN. OR ("6122035").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 16:49
S25	3014	355/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:49
S26	1017	S25 and (pattern or structure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:54
S27	58	S26 and ((double or multi\$3) adj expos\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:56

## EAST Search History

S28	30	S25 and ((second or plural\$4) adj (pattern or structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:55
S29	35	S25 and ((second or plural\$4 or mult\$4) adj (pattern or structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:58
S30	10	S29 and ((double or multi\$3) adj expos\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 09:03
S31	544	430/316.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:57
S32	44	S31 and ((second or plural\$4 or mult\$4) adj (pattern or structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 08:58
S33	16	S31 and ((double or multi\$3) adj expos\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 09:22
S34	2	"20030044722"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:21
S35	1	"20050162627"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:22

## EAST Search History

S36	1	S35 and "k.sub.1"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:30
S37	2	"20030123040"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:30
S38	1	S37 and pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:32
S39	2	"20050105073"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:32
S40	0	S39 and pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 10:33
S41	1	("6636294").PN.	USPAT; USOCR	OR	OFF	2005/08/18 10:33
S42	1	S41 and pitch	US-PGPUB; USPAT	OR	ON	2005/08/18 10:38
S43	1	("6122035").PN.	USPAT; USOCR	OR	OFF	2005/08/18 10:38
S44	0	S43 and pitch	US-PGPUB; USPAT	OR	ON	2005/08/18 10:45
S45	1	"20020025019"	US-PGPUB; USPAT	OR	ON	2005/08/18 11:01
S46	1	S34 and develop\$3	US-PGPUB; USPAT	OR	ON	2005/08/18 11:10
S47	582	memory adj (photoresist or substrate)	US-PGPUB; USPAT	OR	ON	2005/08/18 11:14

## EAST Search History

S48	1035	memory adj (photoresist or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:15
S49	0	"355".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:15
S50	0	"355/\$".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:17
S51	35091	"355"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:15
S52	3	S51 and (memory adj (photoresist or substrate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:16
S53	97	S51 and ((photoresist or substrate) and resin and acid and base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:18
S54	0	"430/\$".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:17
S55	142736	"430"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:18

## EAST Search History

S56	11811	S55 and ((photoresist or substrate) and resin and acid and base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:19
S57	905	S55 and ((photoresist or substrate) and (polymer adj resin) and acid and base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:33
S58	5	S55 and ((photoresist or substrate) with (polymer adj resin) with acid with base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:39
S59	3462	355/53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:39
S60	14088	S59 (developer adj solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 11:39
S61	10	S59 and (developer adj solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:02
S62	2	"20030044722"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:02
S63	0	S62 and shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:02

## EAST Search History

S64	0	S62 and move	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:03
S65	3120	355/77.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:52
S66	1	S65 and ((substrate or \$5resist) with (resin and acid and base))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:54
S67	35091	"355"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:54
S68	8	S67 and ((substrate or \$5resist) with (resin and acid and base))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 13:54
S69	8569	((355/67) or (355/53) or (355/77)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 14:34
S70	513	S69 and ((second near pattern) or (multi near pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 14:35
S71	564	S69 and ((second near pattern) or (multi near pattern) or (sub near pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 14:38



## EAST Search History

S72	221	S69 and (((second near pattern) or (multi near pattern) or (sub near pattern)) and ((double near exposure) or (second near exposure)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:23
S73	2	("6934006").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 15:23
S74	12	("20030103196"   "20030142284"   "20030193624"   "5329335"   "5526093"   "5706076"   "5747221"   "5781277"   "5842824"   "5933216"   "6281965"   "6600550").PN. OR ("6934006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 15:24
S75	7	("4734746"   "4895780"   "5586059"   "5631110"   "5757673"   "6128067").PN. OR ("6795163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:35
S76	2	("20020106818").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 17:44
S77	2	("20020154281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 11:16
S78	2	("6511794").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 11:27
S79	2728	(DMD or sLM or (spatial near light near modulat\$3) or (digital near micro)) aND ((second or another or plural\$) near (pattern or feature or layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:56

## EAST Search History

S80	35705	"355"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:55
S81	51	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:55
S82	818	(DMD or sLM or (spatial near light near modulat\$3) or (digital near micro)) aND ((second or another or plural\$) near (pattern or feature or layer) same (process\$4 or bake or develop\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 11:58
S83	9	S80 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 12:03
S84	467189	((("359") or ("356") or ("430") or ("250"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 12:03
S85	0	("005and7").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/16 12:03
S86	165	S82 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 13:55